PHIN Certification

- As mentioned in the plenary, there will be a greater emphasis on PHIN certification – 'ensuring the foundation of PHIN'
  - Initial focus on preparedness systems
- The intent of this session is to describe plans and start to get input on the PHIN Certification process. Please feel free to:
  - Ask questions
  - email –
    Marc Overcash
    movercash@cdc.gov

Requirements, Standards, and Specifications

- **PHIN Requirements** – Expression of functionality necessary to support public health activities in a particular area

- **PHIN Standards** – Relevant industry-based standards that align with e-Government, National Health Infrastructure (NHII), Federal Health Architecture (FHA), and Consolidated Health Informatics (CHI) initiatives.

- **PHIN Specifications** – Derived from PHIN standards, PHIN specifications contain all of the necessary details to perform work with the standard in a specific area

- Example:

  - Laboratory systems need to transmit result messages to public health systems (PHIN Requirement)

  - HL7 Lab Result Message (PHIN Standard)

  - v2.3.1 of that HL7 Lab Result Message used with the specified reference table and vocabularies according to its implementation guide (PHIN Specification)

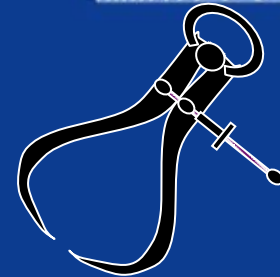## SAFER · HEALTHIER · PEOPLE™

Compliance and Compatibility

- **Compliance** - the exact use of PHIN standards, specifications, and technical artifacts in a system.
  - e.g. – the exact implementation of the PHIN Logical Data Model as the relational table structure for a system
  - e.g. – the exact implementation of the PHIN LDAP Schema as the operational directory for a system

- **Compatibility** – The ability to perform all the required functionality and interact with other PHIN compatible systems using appropriate technical and data standards
  - e.g. – a system that uses different data model but maps vocabulary into a PHIN standard message structure to exchange data

- **Certification** – The process to establish whether systems can meet the high-level functionalities and detailed messages/metrics required to support public health activities.

- We will certify **compatibility**, not compliance, of systems

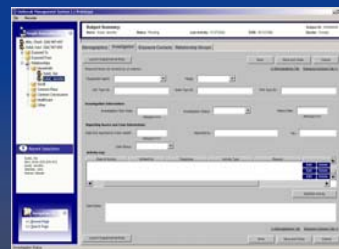## SAFER · HEALTHIER · PEOPLE™

Roadmap to Certification

Functional Area:
1. Requirements
2. Messages
3. Metrics

or

Have an application
for a functional area

Self-testing

Use certified
application
that is available

PHIN External
certification